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於 城崎国際アートセンター
(2015 年 10 月 20 日～10 月 23 日)

Index

Program	1
齋藤 夏雄 (広島市立大学)	
Characterization of non- F -split del Pezzo surfaces	3
Chen Yifei (Chinese Academy of Sciences)	
Recent progress of subadditivity of Kodaira dimensions in positive characteristic	11
土基 善文 (高知大学)	
Dolbeault complex of non-commutative projective varieties	18
西納 武男 (立教大学)	
Degeneration and curves on K3 surfaces	38
疋田 辰之 (京都大学)	
On an algebro-geometric realization of the cohomology ring of conical symplectic resolutions	51
松村 慎一 (東北大学)	
An injectivity theorem with multiplier ideal sheaves for higher direct images under Kähler morphisms	61
Alex Degtyarev (Bilkent University)	
Projective spaces in Fermat varieties	81
Amaël Broustet (Université de Lille 1, Laboratoire Paul Painlevé)	
On the singularities of varieties admitting an endomorphism	96
Kim Kyounghee (Florida State University)	
No smooth Julia sets for polynomial diffeomorphisms of \mathbb{C}^2 with positive entropy	103
大内 元気 (東京大学 Kavli IPMU)	
Lagrangian embeddings of cubic fourfolds containing a plane	111
Dulip Piyyaratne (東京大学 Kavli IPMU)	
Fourier-Mukai transforms and stability conditions on abelian varieties	117
Mikhail Kapranov (東京大学 Kavli IPMU)	
Perverse Schobers in birational geometry	131
金光 秋博 (東京大学)	
Campana-Peternell conjecture for n -folds with $\rho > n - 5$.	140
藤野 修 (京都大学)	
On the foundations of the minimal model program	148

ポスター

- 江尻 詳 (東京大学)
Weak positivity theorem and Frobenius stable canonical
rings of geometric generic fibers 165
- 原 和平 (早稲田大学)
Strong Full Exceptional Collections on Certain Toric Va-
rieties via Mutations 166
- 林 太郎 (大阪大学)
Enriques quotients of the universal cover of $E^{[n]}$ of
an Enriques surface E 167
- Seung-Jo Jung (KIAS)
On the Craw–Ishii Conjecture 168
- 光明 新 (神戸大学)
Geometric description of the moduli space of parabolic
connections on $\mathbb{P}^1 \setminus \{t_1, \dots, t_5\}$ and the universal family . . 169
- 桑垣 樹 (東京大学)
The Nonequivariant Coherent-Constructible Correspondence
for Toric Surfaces 170
- Nguyen Duc Tam (東京大学)
Characterization of 2-dimensional normal Mather-Jacobian
log canonical singularities 171
- 白土 智彬 (名古屋大学)
Frobenius splitting for some Abelian fiber spaces 172
- 鈴木 文顕 (東京大学)
Birational rigidity of complete intersections 173
- 内場 崇之 (早稲田大学)
Gluing stability conditions on ruled surfaces with base
curve of positive genus 174
- Elisabeth Werner (Hannover 大学)
Orbifold Jacobian algebras for invertible polynomials . . . 175
- 山本 悠登 (東京大学)
Geometric monodromy around the tropical limit 176

Kinosaki symposium on algebraic geometry 2015

Date : Oct. 19, 2015 (Mon) — Oct. 23, 2015 (Fri)
 Venue : Kinosaki International Arts Center
 : (Yushima 1062, Kinosaki, Toyo-oka, Hyogo 669-6101)
 Phone : +81-796-32-3888 (Tsutaya-Seirantei : +81-796-32-2511)

Program

Oct. 20 (Tue)

- 9:30 ~ 10:30 Natsuo Saito (Hiroshima City University)
Characterization of non- F -split del Pezzo surfaces
- 10:45 ~ 11:45 Yifei Chen (Chinese Academy of Sciences)
Itaka conjecture of Kodaira dimension in positive characteristic
- 13:30 ~ 14:30 Yoshifumi Tsuchimoto (Kochi university)
Dolbeault complex of non-commutative projective varieties
- 14:45 ~ 15:45 Takeo Nishinou (Rikkyo University)
Degeneration and curves on K3 surfaces
- 16:00 ~ 17:00 Tatsuyuki Hikita (Kyoto University)
On an algebro-geometric realization of the cohomology ring
of conical symplectic resolutions

Oct. 21 (Wed)

- 9:30 ~ 10:30 Shin-ichi Matsumura (Tohoku University)
An injectivity theorem with multiplier ideal sheaves
for higher direct images under Kähler morphisms
- 10:30 ~ 11:30 Poster session
- 11:30 ~ 12:30 Alex Degtyarev (Bilkent University)
Projective spaces in Fermat varieties
- 14:15 ~ 17:00 Free discussion

Oct. 22 (Thu)

- 9:30 ~ 10:30 Amaël Broustet (Université de Lille 1, Laboratoire Paul Painlevé)
Singularities of varieties admitting an endomorphism
- 10:45 ~ 11:45 Kyounghee Kim (Florida State University)
No smooth Julia sets for polynomial diffeomorphisms of \mathbb{C}^2
with positive entropy
- 13:30 ~ 14:30 Genki Ouchi (University of Tokyo, Kavli IPMU)
Lagrangian embeddings of cubic fourfolds containing a plane
- 14:45 ~ 15:45 Dulip Piyaratne (University of Tokyo, Kavli IPMU)
Fourier-Mukai transforms and stability conditions
- 16:00 ~ 17:00 Mikhail Kapranov (University of Tokyo, Kavli IPMU)
Perverse Schobers in birational geometry

Oct. 23 (Fri)

- 9:00 ~ 10:00 Akihiro Kanemitsu (University of Tokyo)
Campana-Peternell conjecture for n -folds with $\rho > n - 5$
- 10:15 ~ 11:15 Osamu Fujino (Kyoto University)
On the foundations of the minimal model program

The nearest station is Kinosaki-Onsen of JR San-in Main Line. On the first day (Oct. 19(Mon)), the dinner starts at 18:30.

We are looking forward to seeing you in Kinosaki.

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Organizers: A. Ishii (Hiroshima), Y. Gongyo (Tokyo), N. Takahashi (Hiroshima)